

Title (en)

Electrical System for testing the channels of a communication system

Title (de)

Elektrisches System zur Überprüfung der Kanäle in einem Kommunikationssystem

Title (fr)

Système électrique pour tester des canaux d'un système de communication

Publication

**EP 1271167 A1 20030102 (EN)**

Application

**EP 02007780 A 20020406**

Priority

EP 02007780 A 20020406

Abstract (en)

An electrical system (10) is described comprising none or one or two function boards (13', 13'') and at least one voltage converter (15'). The function board/s (13', 13'') and the voltage converter (15') are connected such that a voltage (U 1) generated by the voltage converter (15') is supplied to the function board/s (13', 13''). The electrical system (10) comprises an electrical circuit (22, 23) for checking whether two function boards (13', 13'') are present and whether these two function boards (13', 13'') are identical, and for disabling the voltage converter (15') under the condition that two non-identical function boards (13', 13'') are present. <IMAGE>

IPC 1-7

**G01R 31/28**

IPC 8 full level

**G01R 31/00** (2006.01); **G01R 31/28** (2006.01)

CPC (source: EP US)

**G01R 31/2839** (2013.01 - EP US)

Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 11 30 September 1999 (1999-09-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 008 (E - 1486) 7 January 1994 (1994-01-07)

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**EP 1271167 A1 20030102; EP 1271167 B1 20040218**; DE 60200213 D1 20040325; DE 60200213 T2 20041216; JP 2003315399 A 20031106; US 2003189430 A1 20031009; US 7149286 B2 20061212

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**EP 02007780 A 20020406**; DE 60200213 T 20020406; JP 2003099337 A 20030402; US 30451302 A 20021126